





QUARTERLY STATISTICAL & ECONOMIC REPORT,

Executive Summary June 2002

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This *Quarterly Statistical and Economic Report* has been prepared by the staff of the Research and Economic Analysis Division of the State Department of Business, Economic Development & Tourism (DBEDT). The report provides concise statistical information and analyses on Employment, Income and Prices, Taxes, Tourism, and Construction, as well as an overview of the State of Hawaii and the four counties.

Director, Dr. Seiji F. Naya, heads the department. This report was prepared under the direction of the division administrator, Dr. Pearl Imada Iboshi.

Technical notes and source descriptions have been kept to a minimum. However, the staff of the Research and Economic Analysis Division would be happy to respond to any inquiries of a technical nature that readers may have (586-2466). The quarterly information contained in this report reflects data received by the Research Division on or before June 20, 2002.

On-line availability of Quarterly Statistical and Economic Report

Since 1988, the Hawaii Department of Business, Economic Development & Tourism has had the *State of Hawaii Data Book* available on-line to anyone with a personal computer and a modem. Since 1997, the *Quarterly Statistical and Economic Report, State of Hawaii Data Book* and other DBEDT publications and information have been made available over the Internet at http://www.hawaii.gov/dbedt/index.html.

Beginning in March 2000, the printing of the entire *QSER* had been discontinued. The full version will be available on-line at http://www.hawaii.gov/dbedt/qser/index.html and a *QSER Executive Summary* at http://www.hawaii.gov/dbedt/latest.html and is available on request by fax or e-mail.

For further information about available data and sources, users should call the Research and Economic Analysis Division Library at (808) 586-2424.

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STATE OF THE ECONOMY

The first quarter of 2002 continued to show the effects of the extraordinary events of September 2001, but there were also signs that the recovery, which began toward the end of 2001, was gaining strength. At the beginning of the fourth quarter, visitors were arriving at a rate 30 percent lower than usual and unemployment was increasing. For the first quarter of 2002, this decrease in arrivals had been cut to 11 percent and the U. S. West market had even turned positive over the first quarter of 2001. Job growth and tax collections did not show the same response to the generally more settled conditions.

Hawaii's civilian employment was the same in the first quarter of 2002 as it was in the first quarter of 2001. The unemployment rate declined from 5.3 percent to 4.6 percent from the fourth quarter of 2001 to the first quarter of 2002.

The number of non-agricultural wage and salary jobs were down 1.2 percent measured year-to-year for the first quarter. Three industries accounted for most of the job losses between the first quarters of 2002 and 2001: Retail Trade down 4,450 jobs, Transportation down 3,950 jobs, and Hotel jobs down 2,650 jobs. These amounted to 3.8 percent, 12.0 percent and 6.7 percent decreases respectively.

Personal income rose 2.2 percent in the fourth quarter of 2001 compared to the fourth quarter of 2000, the period for which the most recent data are available. This represented only a small (0.2 percent) decrease from the previous quarter. Transfer payments showed the highest rate of increase (7.9 percent) followed by other labor income (3.6 percent), wages and salaries (1.8 percent), and proprietors' income (0.9 percent). Growth was slightly

negative for dividends, interest, and rent (-0.2 percent). Some industries saw year-to-year quarterly increases in earnings, but Manufacturing, Transportation, and Trade saw decreases.

Tax revenues distributed to the State general fund were down 7.7 percent for the first quarter of 2002 over the first quarter of 2001. Some of the revenue decrease may be due to the increased filing thresholds granted by Act 8 of the 2001 Special Session. Revenues from the individual income tax increased 0.2 percent in the first quarter of 2002 over the same quarter in 2001, but the general excise and use tax (GET) revenues fell by 9.4 percent over the same period. Transient Accommodations Tax (TAT) revenues decreased 24.3 percent.

The number of visitors arriving by air was down 11.0 percent from the first quarter of 2001 in the first quarter of 2002. This is about 190,000 fewer visitors arrivals than in the first quarter of 2001. Average daily visitor census numbers were down 8.8 percent in the first quarter. Hotel occupancy rates also dropped, decreasing from 80.5 percent in the first quarter of 2001 to 70.8 percent in the first quarter of 2002.

Indicators of Hawaii construction industry activity were mixed in the first quarter of 2002. The contracting tax base decreased by 0.7 percent while government contracts awarded increased 4.9 percent in the first quarter of 2002 compared to last year's first quarter level. Construction jobs were up a modest 0.4 percent.

Hawaii bankruptcy filings decreased by 5.3 percent in the first quarter of 2002. In contrast, U.S. bankruptcy filings increased 3.3 percent.

ADOPTION OF BEA GROSS STATE PRODUCT SERIES

With this June 2002 issue of the *QSER*, DBEDT adopts the Hawaii Gross State Product (GSP) estimates published by the U.S. Bureau of Economic Analysis (BEA) of the Department of Commerce for use in our quarterly forecast. The BEA GSP series for Hawaii now replaces the DBEDT GSP series of both nominal and real GSP.

DBEDT decided to make this change for two major reasons. First, BEA has improved its estimates of GSP. When the "Hawaii Income and Expenditure Accounts" project was begun in 1960 by the Economic Research Center of the University of Hawaii, it was a pioneering effort. At that time, BEA did not produce income and product accounts for individual states, only for the nation as a whole. When BEA began estimating GSP in 1988, DBEDT's Research and Economic Analysis Division (READ) had taken over ERC's responsibility for producing Hawaii's GSP estimates and believed that its knowledge of the local economy and local data was superior to BEA's data and understanding. BEA has since improved its estimates, using its greater manpower, expertise, and access to unpublished data.

Second, comparison of recent BEA and DBEDT estimates of the annual growth of Hawaii GSP showed them to be sufficiently similar that conclusions about the state of Hawaii's economy would not be greatly altered by using one estimate or the Figure 1A below shows annual other. growth rates of real GSP derived from BEA and DBEDT estimates. As can be seen from the chart, the DBEDT series shows Hawaii to be in recession for 4 years during the 1990s while the BEA series shows Hawaii in recession for 5 years. Some of the difference between the two GSP series is the

result of BEA and DBEDT using different deflator series to estimate real GSP. The direction and magnitude of the movements of the real BEA series are acceptable as they are sufficiently similar to our understanding of how the Hawaii economy has performed.

BEA's quantity indexes, which are used to estimate real Hawaii GSP, reflect Hawaii's mix of industry outputs, but are based on national, rather than state-specific, prices. This is done because of the large cost of gathering such information on a state level but also because, in a single national economy it is reasonable to expect price changes affecting output to be similar across the nation.

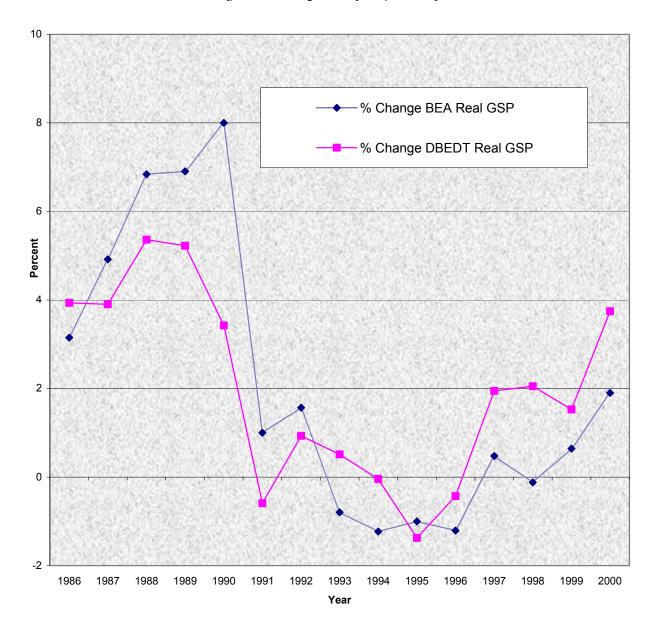
Alternative measures for the GSP deflator such as the Honolulu CPI were rejected as being less suitable. The Honolulu CPI has the unique characteristic of being based on a survey of Honolulu prices. However, several negative factors including substitution bias and inconsistency of methodology were felt to out-weigh the value of its local content. It is also not an appropriate deflator of output since it measures consumer costs not production costs. BEA's deflator series was selected as the best of imperfect solutions.

DBEDT intends to actively review and evaluate the BEA GSP estimates with a view toward identifying anomalies and providing BEA with information to improve its ability to accurately estimate the annual output of Hawaii's economy. DBEDT also plans to produce estimates of major categories of GSP expenditures.

For additional information, see U.S Bureau of Economic Analysis http://www.bea.doc.gov/bea/regional/gsp/.

Figure 1A: Comparison of BEA and DBEDT Real GSP Estimates: 1986-2000

[percent change from year previous]



Source: U.S. Bureau of Economic Analysis, Gross State Product, By Industry: 1977-2000, June 10, 2002 http://www.bea.doc.gov/bea/regional/gsp/; and Hawaii State Department of Business, Economic Development & Tourism.

OUTLOOK FOR THE ECONOMY

The gains made in Hawaii's economic performance in the first quarter of 2002 provide the basis for cautious optimism for the future. Visitor arrivals continue to climb toward their previous level, civilian employment and jobs growth have stabilized, and construction has not fallen off. It is from this relatively positive position that the outlook is made.

It should be noted that current forecasts assume that military and domestic security issues will continue to be addressed effectively and that catastrophic events will not retard the economic recovery. With that in mind, it appears that the outlook for Hawaii's economy is continuing to improve.

Hawaii's recovery is expected to be a function of the recovery of its visitor markets and of U. S. and international performance. economic Consensus projections of U.S. economic performance have become increasingly optimistic during the first half of 2002. The Blue Chip Economic Forecast, which is based on an average of 50 major U.S. forecasts, has increased the forecast for growth in real U.S. GDP in 2002 from 1.1 percent forecast in January to 2.8 percent in the June issue. The Blue Chip Forecast for real U.S. GDP in 2003 is 3.6 percent.

The prospects for Japan, however, are not as hopeful. Japan's real GDP declined at a 0.4 percent rate in 2001. For 2002, the Blue Chip forecast expects Japan's

economy to show a further 1.0 percent decline in GDP recovering to a 1.0 increase in real GDP in 2003.

In the absence of any new shocks to the confidence of travelers, Hawaii visitor counts are expected to continue to improve. In 2002, total visitor arrivals are predicted to grow 3.5 percent and visitor expenditures are forecast to increase 3.4 percent from their depressed state during 2001, but these gains would not bring total arrivals for the year 2002 back to 2000 levels.

Total wage and salary jobs in the state are now expected to finish 2002 at 0.3 percent below the 2001 total. After inflation, Real Personal Income is forecast to show a 1.5 percent increase while real GSP is expected to grow by 1.7 percent. The inflation rate is projected to remain below 2 percent for the next two years. The GSP deflator, which is estimated, based on the Blue Chip U.S. GDP projection, is forecast to reach 2.2 percent in 2003 and then decline.

The forecast expects all sectors of the state's economy to attain pre-September 11th levels or better by the second half of 2003. Visitor arrivals are forecast to increase by about 6.3 percent in 2003 and bring the total visitor count for the year back up to the year 2000 level. This will help the overall job count manage a 2.2 percent increase for 2003

ACTUAL AND FORECAST KEY ECONOMIC INDICATORS FOR HAWAII: 2000 TO 2005

| Economic Indicators | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|----------|----------------|------------|------------|------------|------------|
| | (Actual) | (Actual) | (Forecast) | (Forecast) | (Forecast) | (Forecast) |
| Total population (thousands) | 1,212.3 | 1,224.4 | 1,236.6 | 1,249.0 | 1,261.5 | 1,274.1 |
| Visitor arrivals (thousands) | 6,948.6 | 6,313.7 | 6,534.7 | 6,946.4 | 7,120.0 | 7,283.8 |
| Visitor expenditures (million dollars) | 10,918.1 | 10,140.0 | 10,486.4 | 11,282.0 | 11,761.1 | 12,263.5 |
| Honolulu CPI-U (1982-84=100) | 176.3 | 178.4 | 180.7 | 183.8 | 187.3 | 190.9 |
| Personal income (million dollars) | 33,763.2 | 34,960.9 | 35,951.1 | 37,258.4 | 38,711.5 | 40,182.5 |
| Personal income (\$1996 million) | 32,690.7 | 33,451.9 | 33,962.0 | 34,604.0 | 35,282.4 | 35,939.5 |
| Total wage & salary jobs (thousands) | 559.2 | 561.0 | 559.3 | 571.6 | 583.0 | 594.7 |
| Gross state product (million dollars) | 42,364.0 | 44,186.9 p | 45,602.6 | 47,176.3 | 48,969.0 | 50,780.9 |
| Real gross state product (\$1996 million) | 38,582.9 | 39,223.3 p | 39,803.3 | 40,290.5 | 40,961.3 | 41,644.0 |
| Gross state product deflator (1996=100) | 109.8 | 112.7 p | 114.6 | 117.1 | 119.5 | 121.9 |
| | Ann | ual Percentage | e Change | | | |
| Total population (thousands) | 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Visitor arrivals (thousands) | 3.1 | -9.1 | 3.5 | 6.3 | 2.5 | 2.3 |
| Visitor expenditures (million dollars) | 6.2 | -7.1 | 3.4 | 7.6 | 4.2 | 4.3 |
| Honolulu CPI-U (1982-84=100) | 1.7 | 1.2 | 1.3 | 1.7 | 1.9 | 1.9 |
| Personal income (million dollars) | 4.1 | 3.5 | 2.8 | 3.6 | 3.9 | 3.8 |
| Personal income (\$1996 million) | 2.3 | 2.3 | 1.5 | 1.9 | 2.0 | 1.9 |
| Total wage & salary jobs (thousands) | 3.0 | 0.3 | -0.3 | 2.2 | 2.0 | 2.0 |
| Gross state product (million dollars) | 4.6 | 4.3 p | 3.2 | 3.5 | 3.8 | 3.7 |
| Real gross state product (\$1996 million) | 1.9 | 1.7 p | 1.5 | 1.2 | 1.7 | 1.7 |
| Gross state product deflator (1996=100) | 2.7 | 2.6 p | 1.7 | 2.2 | 2.1 | 2.0 |

p Preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism, June 25, 2002.

COUNTY ECONOMIC CONDITIONS

The four counties were affected differently by the economic dislocations of the September 11th attacks and their recoveries are also proceeding at different rates.

Labor force continued to grow in two counties and declined in two counties. For the first quarter 2002 over the first quarter of 2001 the City and County of Honolulu grew 0.6 percent (Table 2) and Maui County grew 1.7 percent (Table 4). During that period Hawaii County labor force decreased by 0.1 percent (Table 3) and Kauai County decreased 0.2 percent (Table 5).

Civilian employment grew in the Neighbor Island counties and fell in the City and County of Honolulu. Employment was up 0.5 percent on Hawaii, 0.9 percent on Maui, and 0.7 percent on Kauai. Employment fell 0.3 percent in the City and County of Honolulu in the first quarter of 2002. From the first quarter of 2001 to the first quarter of 2002, the unemployment rate increased by 0.8 percentage points in both Honolulu and on Maui to 4.3 and 4.8 percent respectively. On Hawaii the unemployment rate decreased 0.6 percentage points to 5.6 percent and on Kauai it decrease 0.8 percentage points to 6.1 percent.

During the first quarter of 2002, total wage and salary jobs followed the same pattern as the fourth quarter of 2001, growing on Hawaii and Kauai and declining on Oahu and Maui. Hawaii County and Kauai Count both had job growth of 0.4 percent. Maui's job count fell by 0.3 percent and Honolulu's jobs dropped 1.6 percent.

In the City and County of Honolulu, private sector non-ag jobs were down in all reported sectors except Finance, Insurance and Real Estate (F.I.R.E.) (0.9 percent), Health Services (1.5 percent) and Business Services (1.3 percent). State Government jobs were up 6.9 percent.

Hawaii County job growth was high in Health Services which increased about 250 jobs or 8.3 percent. Business services jobs grew 2.4 percent, F.I.R.E. jobs increased by 2.2 percent, construction jobs grew by 1.6 percent, and government added 4.5 percent. Most other sectors were down for the quarter.

Kauai County followed the general pattern for the first quarter of 2002 of losing non-agricultural jobs in Transportation, Communication and Utilities (2.8 percent); Retail Trade (2.2 percent); and Hotels (5.1 However, Kauai had overall percent). positive job growth for the quarter due to growth in Services, especially Business Services (8.3 percent).

Maui County's first quarter 2002 job decline was also spread across most sectors. Running counter to the downtrend were Construction up 3.4 percent, Health Services up 4.1 percent, and Business Services up 5.0 percent.

Visitor arrivals were below their first quarter 2001 levels in all counties during the first quarter of 2002. Arrivals declined the most in the City and County of Honolulu (15.2 percent) and declined the least in Hawaii County (4.7 percent).

General excise tax revenues were also negative in all four counties in the first quarter. Honolulu GET revenues were down 10.2 percent, Hawaii down 4.9 percent, Maui County GET revenues were down 8.7 percent. Kauai GET revenues were down 0.5 percent.

Table 1. 2002 SELECTED ECONOMIC ACTIVITIES: STATE OF HAWAII

| | | 1st QUAF | RTER 2002 | 20 | 01 |
|-------------------------------------|---------|-----------|-----------|-----------|----------|
| | | | % CHANGE | | % CHANGE |
| SERIES | UNIT | NUMBER | YEAR AGO | NUMBER | YEAR AGO |
| Civilian labor force 1/ | Persons | 603,650 | 0.6 | 605,500 | 1.7 |
| Civilian employment | Persons | 575,800 | 0.0 | 577,450 | 1.3 |
| Civilian unemployment | Persons | 27,800 | 14.4 | 28,100 | 10.2 |
| Unemployment rate 2/ | % | 4.6 | 0.6 | 4.6 | 0.3 |
| | | | | | |
| Total wage & salary jobs 1/ | Jobs | 555,250 | -1.2 | 560,950 | 0.3 |
| Total non-agric. wage & salary jobs | Jobs | 547,700 | -1.2 | 553,550 | 0.4 |
| Contract construction | Jobs | 23,900 | 0.4 | 23,700 | -0.4 |
| Manufacturing | Jobs | 17,550 | -1.4 | 17,850 | 2.3 |
| Transport., comm., utilities | Jobs | 38,600 | -10.1 | 42,050 | -0.5 |
| Trade | Jobs | 132,150 | -3.8 | 136,250 | -0.5 |
| Retail | Jobs | 112,050 | -3.8 | 115,550 | 0.2 |
| Finance, insur., & real estate | Jobs | 32,850 | 1.4 | 32,700 | -1.4 |
| Services & miscellaneous | Jobs | 183,950 | -1.0 | 186,100 | 1.7 |
| Hotels | Jobs | 36,850 | -6.7 | 38,650 | 0.1 |
| Health | Jobs | 37,650 | 2.3 | 37,150 | 1.5 |
| Business | Jobs | 31,350 | 1.6 | 31,250 | 2.8 |
| Government | Jobs | 118,750 | 3.7 | 114,950 | 0.3 |
| Federal | Jobs | 29,850 | -1.2 | 30,050 | -2.9 |
| State | Jobs | 72,150 | 6.3 | 68,150 | 1.8 |
| Local | Jobs | 16,750 | 2.1 | 16,700 | 0.0 |
| Agriculture wage & salary jobs 1/ | Jobs | 7,550 | 3.4 | 7,400 | -5.7 |
| State general fund revenues | \$1,000 | 761,922 | -7.7 | 3,172,251 | 3.4 |
| General excise and use tax revenues | \$1,000 | 395,795 | -9.4 | 1,660,764 | 3.1 |
| Income-individual | \$1,000 | 266,388 | 0.2 | 1,100,317 | 1.8 |
| Declaration of estimated taxes | \$1,000 | 57,223 | 3.2 | 219,957 | 0.9 |
| Payment with returns | \$1,000 | 16,571 | 49.6 | 103,719 | 10.8 |
| Withholding tax on wages | \$1,000 | 263,733 | -2.2 | 1,025,350 | 1.3 |
| Refunds | \$1,000 | 71,139 | 1.0 | 248,709 | 2.3 |
| Transient accommodations tax | \$1,000 | 35,919 | -24.3 | 174,602 | -0.4 |
| Visitor arrivals by air 3/ | Persons | 1,533,603 | -11.0 | 6,313,659 | -9.1 |
| Domestic flight visitors | Persons | 1,042,005 | -3.5 | 4,218,374 | -5.1 |
| International flight visitors | Persons | 491,598 | -23.7 | 2,095,285 | -16.2 |
| Hotel occupancy rates 2/ | % | 70.8 | -9.9 | 69.6 | -6.3 |
| | | | | | |

^{1/} Labor force and jobs are based on monthly rounded data. Labor force data were rebenchmarked in April 200.

Source: Hawaii State Department of Labor & Industrial Relations; Hawaii State Department of Taxation Hawaii Visitors & Convention Bureau; and Smith Travel Research, PricewaterhouseCoopers LLP. Compiled by Hawaii State Department of Business, Economic Development & Tourism.

^{2/} Change represents absolute change in rates rather than percentage change in rates

^{3/} Preliminary data.

Table 2. 2002 SELECTED ECONOMIC ACTIVITIES: CITY AND COUNTY OF HONOLULU

| | 1st QUARTER 2002 | | 2001 | |
|---------|---|---|---|--|
| | | % CHANGE | | % CHANGE |
| UNIT | NUMBER | YEAR AGO | NUMBER | YEAR AGO |
| Doroono | 429 600 | 0.6 | 420.250 | 1.3 |
| | | | | 1.0 |
| | | | | |
| | | | | 10.1 0.3 |
| % | 4.3 | 0.8 | 4.1 | 0.3 |
| Jobs | 408,900 | -1.6 | 413,900 | -0.1 |
| Jobs | 406,800 | -1.5 | 411,600 | -0.1 |
| Jobs | 16,750 | -0.9 | | -2.9 |
| Jobs | | -0.4 | | 3.3 |
| Jobs | | -12.2 | | -0.5 |
| Jobs | | -4.2 | | -1.5 |
| Jobs | , | -4.1 | | -0.6 |
| Jobs | | 0.9 | | -1.1 |
| Jobs | 130,500 | -1.1 | 131,950 | 1.2 |
| Jobs | 14,900 | -10.5 | 16,100 | -1.8 |
| Jobs | 30,250 | 1.5 | 30,000 | 1.0 |
| Jobs | 26,550 | 1.3 | 26,350 | 2.9 |
| Jobs | 95,000 | 3.7 | 91,800 | 0.2 |
| Jobs | 27,900 | -1.4 | 28,150 | -2.6 |
| Jobs | 55,650 | 6.9 | 52,250 | 1.8 |
| Jobs | 11,450 | 1.8 | 11,400 | -0.4 |
| Jobs | 2,100 | -8.7 | 2,300 | 2.2 |
| \$1,000 | 321,229 | -10.2 | 1,359,654 | 2.6 |
| \$1,000 | 232,486 | 1.9 | 955,080 | 1.7 |
| \$1,000 | 38,435 | 1.3 | 163,307 | 2.6 |
| \$1,000 | 14,149 | 60.7 | 78,085 | 9.2 |
| \$1,000 | 233,179 | -1.4 | 898,960 | 0.9 |
| \$1,000 | 53,276 | -3.3 | 185,273 | 1.5 |
| \$1,000 | 25,631 | -28.3 | 131,319 | 1.4 |
| Persons | 999,448 | -15.2 | 4,268,937 | -9.5 |
| Persons | 583,335 | -2.7 | 2,376,536 | -4.4 |
| Persons | 416,113 | -28.2 | 1,892,401 | -15.3 |
| % | 71.0 | -9.9 | 68.8 | -6.8 |
| | Jobs Jobs Jobs Jobs Jobs Jobs Jobs Jobs | UNIT NUMBER Persons Persons Persons % 428,600 410,200 18,400 4.3 Jobs Jobs Jobs Jobs Jobs Jobs Jobs Jobs | UNIT NUMBER % CHANGE YEAR AGO Persons Persons Persons (A10,200) | UNIT NUMBER % CHANGE YEAR AGO NUMBER Persons 428,600 0.6 429,250 Persons 410,200 -0.3 411,750 Persons 18,400 23.9 17,500 % 4.3 0.8 4.1 Jobs 408,900 -1.6 413,900 Jobs 406,800 -1.5 411,600 Jobs 16,750 -0.9 16,650 Jobs 13,800 -0.4 14,000 Jobs 29,600 -12.2 32,950 Jobs 94,550 -4.2 97,800 Jobs 26,600 0.9 26,500 Jobs 130,500 -1.1 131,950 Jobs 14,900 -10.5 16,100 Jobs 26,550 1.3 26,350 Jobs 95,000 3.7 91,800 Jobs 27,900 -1.4 28,150 Jobs 51,650 6.9 52,250 Jobs </td |

^{1/} Labor force and jobs are based on monthly rounded data. Labor force data were rebenchmarked in April 2002.

Source: Hawaii State Department of Labor & Industrial Relations; Hawaii State Department of Taxation; Hawaii Visitors & Convention Bureau; and Smith Travel Research, PricewaterhouseCoopers LLP. Compiled by Hawaii State Department of Business, Economic Development & Tourism.

^{2/} Change represents absolute change in rates rather than percentage change in rates.

^{3/} Preliminary data. County-level data not yet revised.

Table 3. 2002 SELECTED ECONOMIC ACTIVITIES: HAWAII COUNTY

| | | 1st QUAF | RTER 2002 | 20 | 01 |
|-------------------------------------|---------|----------|----------------------|-----------|----------------------|
| SERIES | UNIT | NUMBER | % CHANGE YEAR AGO | NUMBER | % CHANGE YEAR AGO |
| | | | | | |
| Civilian labor force 1/ | Persons | 71,300 | -0.1 | 72,250 | 3.2 |
| Civilian employment | Persons | 67,300 | 0.5 | 67,300 | 3.0 |
| Civilian unemployment | Persons | 4,000 | -9.1 | 4,950 | 6.5 |
| Unemployment rate 2/ | % | 5.6 | -0.6 | 6.8 | 0.1 |
| Total wage & salary jobs 1/ | Jobs | 56,850 | 0.4 | 57,000 | 1.9 |
| Total non-agric. wage & salary jobs | Jobs | 54,350 | 0.8 | 54,350 | 2.0 |
| Contract construction | Jobs | 3,100 | 1.6 | 3,100 | 10.7 |
| Manufacturing | Jobs | 1,600 | -3.0 | 1,600 | -3.0 |
| Transport., comm., utilities | Jobs | 2,800 | -1.8 | 2,800 | 0.0 |
| Trade | Jobs | 13,400 | -1.5 | 13,600 | 0.0 |
| Retail | Jobs | 11,200 | -2.2 | 11,400 | -0.4 |
| Finance, insur., & real estate | Jobs | 2,300 | 2.2 | 2,250 | -4.3 |
| Services & miscellaneous | Jobs | 19,750 | -0.5 | 19,950 | 4.5 |
| Hotels | Jobs | 7,000 | -2.8 | 7,150 | 2.9 |
| Health | Jobs | 3,250 | 8.3 | 3,100 | 3.3 |
| Business | Jobs | 2,100 | 2.4 | 2,150 | 4.9 |
| Government | Jobs | 11,500 | 4.5 | 11,100 | 1.4 |
| Federal | Jobs | 1,050 | 5.0 | 1,000 | 0.0 |
| State | Jobs | 8,150 | 4.5 | 7,800 | 2.0 |
| Local | Jobs | 2,300 | 2.2 | 2,300 | 0.0 |
| Agriculture wage & salary jobs 1/ | Jobs | 2,500 | -9.1 | 2,650 | 0.0 |
| General excise and use tax revenues | \$1,000 | 29,883 | -4.9 | 116,266 | 8.1 |
| Income-individual | \$1,000 | 16,406 | 3.2 | 61,672 | 8.0 |
| Declaration of estimated taxes | \$1,000 | 8,139 | 14.1 | 21,893 | 1.6 |
| Payment with returns | \$1,000 | 985 | -3.7 | 10,203 | 10.3 |
| Withholding tax on wages | \$1,000 | 13,357 | -3.9 | 52,724 | 7.5 |
| Refunds | \$1,000 | 6,075 | -1.4 | 23,148 | 2.0 |
| Transient accommodations tax | \$1,000 | 2,945 | -3.5 | 10,584 | 1.8 |
| Visitor arrivals by air 3/ | Persons | 310,535 | -4.7 | 1,183,005 | -6.7 |
| Domestic flight visitors | Persons | 226,377 | -2.5 | 869,915 | -6.0 |
| International flight visitors | Persons | 84,158 | -10.4 | 313,090 | -8.6 |
| Hotel occupancy rates 2/ | % | 67.5 | -11.3 | 64.3 | -6.5 |
| | | | | | |

^{1/} Labor force and jobs are based on monthly rounded data. Labor force data were rebenchmarked in April 2002.

Hawaii Visitors & Convention Bureau; and Smith Travel Research, PricewaterhouseCoopers LLP. Compiled by Hawaii State Department of Business, Economic Development & Tourism.

^{2/} Change represents absolute change in rates rather than percentage change in rates.

^{3/} Preliminary. County-level data not yet revised.

Source: Hawaii State Department of Labor & Industrial Relations; Hawaii State Department of Taxation;

Table 4. 2002 SELECTED ECONOMIC ACTIVITIES: MAUI COUNTY

| | | | RTER 2002 | 2001 | | |
|-------------------------------------|--------------------|--------------|----------------------|--------------|----------------------|--|
| SERIES | UNIT | NUMBER | % CHANGE YEAR AGO | NUMBER | % CHANGE YEAR AGO | |
| Civilian Johan farras 4/ | Davasas | 74 400 | 4.7 | 74 000 | 2.0 | |
| Civilian labor force 1/ | Persons | 74,400 | 1.7 | 74,200 | 2.6 | |
| Civilian employment | Persons Persons | 70,800 | 0.9 22.0 | 70,650 | 1.9 14.8 | |
| Civilian unemployment | % | 3,600 4.8 | 0.8 | 3,500 4.8 | | |
| Unemployment rate 2/ | % | 4.6 | 0.8 | 4.0 | 0.6 | |
| Total wage & salary jobs 1/ | Jobs | 63,250 | -0.3 | 63,550 | 1.8 | |
| Total non-agric. wage & salary jobs | Jobs | 61,050 | -1.3 | 61,800 | 2.1 | |
| Contract construction | Jobs | 3,000 | 3.4 | 2,900 | 3.6 | |
| Manufacturing | Jobs | 1,750 | -5.4 | 1,800 | 2.9 | |
| Transport., comm., utilities | Jobs | 4,450 | -3.3 | 4,550 | 0.0 | |
| Trade | Jobs | 16,900 | -4.0 | 17,450 | 4.8 | |
| Retail | Jobs | 15,450 | -4.3 | 15,950 | 5.3 | |
| Finance, insur., & real estate | Jobs | 2,800 | 0.0 | 2,800 | -3.4 | |
| Services & miscellaneous | Jobs | 24,000 | -1.8 | 24,350 | 1.5 | |
| Hotels | Jobs | 11,200 | -4.7 | 11,500 | 0.4 | |
| Health | Jobs | 2,550 | 4.1 | 2,500 | 4.2 | |
| Business | Jobs | 2,100 | 5.0 | 2,150 | 0.0 | |
| Government | Jobs | 8,150 | 4.5 | 7,950 | 1.3 | |
| Federal | Jobs | 550 | 0.0 | 550 | -8.3 | |
| State | Jobs | 5,650 | 4.6 | 5,450 | 1.9 | |
| Local | Jobs | 1,900 | 2.7 | 1,900 | 0.0 | |
| Agriculture wage & salary jobs 1/ | Jobs | 2,250 | 40.6 | 1,750 | -10.3 | |
| General excise and use tax revenues | \$1,000 | 32,742 | -8.7 | 137,826 | 2.3 | |
| Income-individual | \$1,000 | 13,566 | -12.6 | 59,344 | -3.8 | |
| Declaration of estimated taxes | \$1,000 | 8,307 | 11.3 | 25,297 | -8.1 | |
| Payment with returns | \$1,000 | 1,047 | 24.2 | 9,539 | 10.0 | |
| Withholding tax on wages | \$1,000 | 12,647 | -11.7 | 54,127 | 2.6 | |
| Refunds | \$1,000 | 8,435 | 18.6 | 29,619 | 8.8 | |
| Transient accommodations tax | \$1,000 | 5,180 | -24.1 | 24,705 | -14.9 | |
| Visitor arrivals by air 3/ | Persons | 530,591 | -7.2 | 2,096,289 | -9.0 | |
| Domestic flight visitors | Persons | 414,400 | -3.6 | 1,679,490 | -8.5 | |
| International flight visitors | Persons | 116,191 | -18.0 | 416,799 | -11.3 | |
| Hotel occupancy rates 2/ 4/ | % | 74.1 | -9.5 | 73.8 | -7.1 | |

^{1/} Labor force and jobs are based on monthly rounded data. Labor force data were rebenchmarked in April 200.

Source: Hawaii State Department of Labor & Industrial Relations; Hawaii State Department of Taxation Hawaii Visitors & Convention Bureau; and Smith Travel Research, PricewaterhouseCoopers LLP. Compiled by Hawaii State Department of Business, Economic Development & Tourism.

^{2/} Change represents absolute change in rates rather than percentage change in rates

^{3/} Preliminary. County-level data not yet revised

^{4/} Data represent Maui Island only.

Table 5. 2002 SELECTED ECONOMIC ACTIVITIES: KAUAI COUNTY

| | | 1st QUA | 1st QUARTER 2002 | | 01 |
|-------------------------------------|---------|---------|------------------|-----------|----------|
| 05050 | | | % CHANGE | | % CHANGE |
| SERIES | UNIT | NUMBER | YEAR AGO | NUMBER | YEAR AGO |
| Civilian labor force 1/ | Persons | 29,300 | -0.2 | 29,850 | 1.5 |
| Civilian employment | Persons | 27,500 | 0.7 | 27,750 | 0.9 |
| Civilian unemployment | Persons | 1,800 | -12.2 | 2,100 | 10.5 |
| Unemployment rate 2/ | % | 6.1 | -0.8 | 7.0 | 0.5 |
| , , | | | | | |
| Total wage & salary jobs 1/ | Jobs | 26,200 | 0.4 | 26,400 | -0.2 |
| Total non-agric. wage & salary jobs | Jobs | 25,500 | 0.2 | 25,750 | 1.0 |
| Contract construction | Jobs | 1,050 | 5.0 | 1,000 | 0.0 |
| Manufacturing | Jobs | 450 | 0.0 | 450 | -10.0 |
| Transport., comm., utilities | Jobs | 1,750 | -2.8 | 1,800 | 2.9 |
| Trade | Jobs | 7,250 | -2.0 | 7,400 | -0.7 |
| Retail | Jobs | 6,750 | -2.2 | 6,900 | 0.0 |
| Finance, insur., & real estate | Jobs | 1,150 | 4.5 | 1,100 | 0.0 |
| Services & miscellaneous | Jobs | 9,700 | 0.5 | 9,800 | 2.1 |
| Hotels | Jobs | 3,700 | -5.1 | 3,850 | 1.3 |
| Health | Jobs | 1,600 | 3.2 | 1,550 | 6.9 |
| Business | Jobs | 650 | 8.3 | 650 | 8.3 |
| Government | Jobs | 4,150 | 1.2 | 4,150 | 1.2 |
| Federal | Jobs | 400 | 0.0 | 400 | -11.1 |
| State | Jobs | 2,700 | 1.9 | 2,650 | 1.9 |
| Local | Jobs | 1,100 | 4.8 | 1,100 | 4.8 |
| Agriculture wage & salary jobs 1/ | Jobs | 650 | 0.0 | 650 | -31.6 |
| General excise and use tax revenues | \$1,000 | 11,941 | -0.5 | 47,018 | 7.2 |
| Income-individual | \$1,000 | 3,929 | -38.3 | 24,221 | 6.5 |
| Declaration estimated taxes | \$1,000 | 2,342 | -20.5 | 9,459 | -3.9 |
| Payment with returns | \$1,000 | 389 | -3.4 | 5,893 | 40.0 |
| With holding tax on wages | \$1,000 | 4,551 | -11.0 | 19,539 | 0.8 |
| Refunds | \$1,000 | 3,352 | 60.5 | 10,670 | -0.3 |
| Transient accommodations tax | \$1,000 | 2,163 | 20.1 | 7,994 | 23.7 |
| Visitor arrivals by air 3/ | Persons | 236,014 | -7.5 | 1,004,696 | -6.5 |
| Domestic flight visitors | Persons | 191,142 | -6.1 | 838,293 | -5.2 |
| International flight visitors | Persons | 44,872 | -12.9 | 166,403 | -12.6 |
| Hotel occupancy rates 2/ | % | 65.7 | -7.6 | 70.3 | -4.1 |

^{1/} Labor force and jobs are based on monthly rounded data. Labor force data were rebenchmarked in April 2002.

3/ Preliminary. County-level data not yet revised.
Source: Hawaii State Department of Labor & Industrial Relations; Hawaii State Department of Taxation; Hawaii Visitors & Convention Bureau; and Smith Travel Research, PricewaterhouseCoopers LLP. Compiled by Hawaii State Department of Business, Economic Development & Tourism.

^{2/} Change represents absolute change in rates rather than percentage change in rates.

A. LABOR FORCE AND JOBS

Hawaii's civilian employment was the same in the first quarter of 2002 as it was in the first quarter of 2001, 575,800 persons employed (Table A-2). This lack of growth in employment follows the negligible employment growth in the fourth quarter of 2001

Civilian labor force continued to grow, however, increasing by 0.6 percent or 3,550 workers over the first quarter of 2001 (Table A-1). This was still a drop from the all-time high Hawaii labor force in the last quarter of 2001.

The number of unemployed was 3,500 or 14.4 percent greater than the first quarter of 2001 reflecting the larger labor force and stable employment level (Table A-3). The unemployment rate declined from 5.3 percent to 4.6 percent from the fourth quarter of 2001 to the first quarter of 2002 (Table A-4). The first quarter rate of 4.6 percent was 0.6 percentage points higher than that of the first quarter of 2001.

The number of non-agricultural wage and salary jobs were down 1.2 percent measured year-to-year for the first quarter (Table A-6). Three industries accounted for most of the job losses between the first quarters of 2002 and 2001: Retail Trade down

4,450 jobs (Table A-12), Transportation down 3,950 jobs (Table A-9), and Hotel jobs down 2,650 jobs (Table A-16). These amounted to 3.8 percent, 12.0 percent and 6.7 percent decreases respectively.

Several other industries showed negative job growth in the first quarter of 2002 compared to the same period in 2001. Jobs declined in Manufacturing (-1.4 percent, Table A-8); Communication (-5.4 percent, Table A-10); Utilities (-1.5 percent, Table A-11); and Wholesale Trade (-3.6 percent, Table A-13). In the private sector, jobs increased in Construction, 0.4 percent; Finance, Insurance and Real Estate, 1.4 percent; Health Services, 2.3 percent; Business Services, 1.6 percent; and Agriculture, 3.4 percent (Table 1).

Total government jobs increased by 3.7 percent in the first quarter of 2002. Federal government jobs fell 1.2 percent from the first quarter of 2001 (Table A-17). State government jobs increased significantly from the first quarter of 2001 to the first quarter of 2002 both in number, 4,250, and in percent, 6.3 (Table A-18). More than 80 percent of this increase can be attributed to hiring by the Department of Education and the University. Local government jobs also increased but only by 2.1 percent or 350 jobs (Table A-19).

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The job count by industry figures for 2000 and 2001 were revised by the Department of Labor and Industrial Relations in February 2002.

Table A-5. TOTAL WAGE AND SALARY JOBS

| Year | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Annual |
|---------|------------------|-------------------|--------------------|-------------------|---------|
| | · | Number | | | |
| 1982 | 410,650 | 412,700 | 409,850 | 409,450 | 410,700 |
| 1983 | 413,450 | 414,750 | 419,700 | 421,700 | 417,400 |
| 1984 1/ | 419,600 | 425,750 | 422,300 | 426,300 | 422,900 |
| 1985 | 429,750 | 434,200 | 438,200 | 442,500 | 436,150 |
| 1986 | 442,700 | 445,750 | 448,950 | 457,450 | 448,700 |
| 1987 | 461,900 | 469,500 | 469,750 | 480,900 | 470,500 |
| 1988 | 480,150 | 486,600 | 487,250 | 498,150 | 488,050 |
| 1989 | 504,700 | 512,800 | 514,150 | 528,800 | 515,100 |
| 1990 | 528,850 | 537,950 | 536,150 | 548,700 | 537,950 |
| 1991 | 546,750 | 546,650 | 546,250 | 555,100 | 548,700 |
| 1992 | 552,300 | 554,000 | 548,350 | 553,700 | 552,100 |
| 1993 | 548,850 | 551,800 | 541,100 | 548,150 | 547,450 |
| 1994 | 543,450 | 546,050 | 538,900 | 548,300 | 544,200 |
| 1995 | 543,100 | 543,150 | 533,350 | 540,900 | 540,150 |
| 1996 | 538,400 | 538,850 | 533,350 | 541,950 | 538,150 |
| 1997 | 539,700 | 540,200 | 533,850 | 541,100 | 538,700 |
| 1998 | 537,000 | 540,450 | 535,550 | 542,350 | 538,800 |
| 1999 | 535,300 | 541,950 | 540,750 | 552,950 | 542,750 |
| 2000 | 550,250 | 559,850 | 557,600 | 569,200 | 559,200 |
| 2001 | 561,900 | 565,050 | 559,100 | 557,800 | 560,950 |
| 2002 | 555,250 | (NA) | (NA) | (NA) | (NA) |
| | Percentag | e Change from the | Same Period in Pre | vious Year | |
| 1982 | -1.3 | -1.5 | -1.5 | -1.1 | -1.4 |
| 1983 | 0.7 | 0.5 | 2.4 | 3.0 | 1.6 |
| 1984 1/ | 1.5 | 2.7 | 0.6 | 1.1 | 1.3 |
| 1985 | 2.4 | 2.0 | 3.8 | 3.8 | 3.1 |
| 1986 | 3.0 | 2.7 | 2.5 | 3.4 | 2.9 |
| 1987 | 4.3 | 5.3 | 4.6 | 5.1 | 4.9 |
| 1988 | 4.0 | 3.6 | 3.7 | 3.6 | 3.7 |
| 1989 | 5.1 | 5.4 | 5.5 | 6.2 | 5.5 |
| 1990 | 4.8 | 4.9 | 4.3 | 3.8 | 4.4 |
| 1991 | 3.4 | 1.6 | 1.9 | 1.2 | 2.0 |
| 1992 | 1.0 | 1.3 | 0.4 | -0.3 | 0.6 |
| 1993 | -0.6 | -0.4 | -1.3 | -1.0 | -0.8 |
| 1994 | -1.0 | -1.0 | -0.4 | 0.0 | -0.6 |
| 1995 | -0.1 | -0.5 | -1.0 | -1.3 | -0.7 |
| 1996 | -0.9 | -0.8 | 0.0 | 0.2 | -0.4 |
| 1997 | 0.2 | 0.3 | 0.1 | -0.2 | 0.1 |
| 1998 | -0.5 | 0.0 | 0.3 | 0.2 | 0.0 |
| 1999 | -0.3 | 0.3 | 1.0 | 2.0 | 0.7 |
| 2000 | 2.8 | 3.3 | 3.1 | 2.9 | 3.0 |
| 2001 | 2.1 | 0.9 | 0.3 | -2.0 | 0.3 |
| 2002 | -1.2 | (NA) | (NA) | (NA) | (NA) |

NA Not available.

Quarterly averages are computed by the Hawaii State Department of Business, Economic Development & Tourism from the Hawaii State Department of Labor & Industrial Relations monthly rounded data 1/ Quarterly data contain monthly unrevised numbers.

Source: Hawaii State Department of Labor & Industrial Relations.

B. INCOME AND PRICES

Growth in Hawaii personal income slowed somewhat during the fourth quarter of 2001 (the period for which the latest data are available) measured over the fourth quarter of 2000. Transfer payments showed the highest rate of increase followed by other labor income, wages and salaries, and proprietors' income. Growth was slightly negative for dividends, interest, and rent. Some industries saw year-to-year quarterly increases in earnings, but Manufacturing, Transportation, and Trade saw decreases (Table B-1).

Personal income rose 2.2 percent in the fourth quarter of 2001 compared to the fourth quarter of 2000 (Table B-2), but was down 0.2 percent from the previous quarter. Wage and salary growth was moderate, reflecting the layoffs following the Sept. 11th attacks. Wages and salaries rose over 350 million dollars or 1.8 percent in the fourth quarter of 2001 (Table B-3). Wages and salaries account for about 57 percent of personal income.

Other labor income, consisting of employer payments to retirement plans, private group health insurance plans, private workers compensation plans, and other such benefits, rose by 3.6 percent in the fourth quarter of 2001 compared to 2000 (Table B-4).

Proprietors' income, the income most closely related to entrepreneurial activity, grew by just 0.9 percent in the fourth quarter of 2001 compared to the fourth quarter of 2000 (Table B-5).

Dividends, interest, and rent declined by 0.2 percent in the fourth quarter of 2001 (Table B-6). Transfer payments grew by more than \$325 million or 7.9 percent for the quarter (Table B-7).

The private sector had mixed earnings results. Earnings increased in Finance, Insurance and Real Estate (FIRE) and Services, but decreased in Transportation and Public Utilities, Manufacturing and Trade. In dollar terms, the largest increases came in FIRE with a \$134 million increase, 6.9 percent followed by services, 1.3 percent (Table B-1). Earnings declined by \$70 million or 7.9 percent in Wholesale Trade and down \$55 million or 2.8 percent in Transportation and Public Utilities.

Earnings increased by 5.1 percent in the public sector, largely because of the 7.4 percent increase in the federal military component. Earnings from State and Local Government increased by 4.9 percent.

The inflation rate remained low in Hawaii during the second half of 2001. The Honolulu consumer price index rose by only 1.1 percent in the second half of 2001 compared to the same period in 2000 (Table B-9). This was lower than was expected for Honolulu and also lower than the 2.3 percent inflation experienced on the Mainland during the period.

Table B-1. PERSONAL INCOME FOR HAWAII BY MAJOR SOURCES

[In Millions of Dollars at Seasonally Adjusted Annual Rates]

| | | | | | | | h Quarter | Annual |
|-------------------------------------|---------|---------|---------|---------|---------|---------|-----------|---------|
| | | | | | | | From | average |
| | Fourth | Annual | Third | Fourth | Annual | Fourth | Third | 2001 |
| | Quarter | average | Quarter | Quarter | average | Quarter | Quarter | from |
| Series | 2000 | 2000 | 2001 | 2001 | 2001 | 2000 | 2001 | 2000 |
| PERSONAL INCOME | 34,398 | 33,763 | 35,209 | 35,142 | 34,961 | 2.2 | -0.2 | 3.5 |
| Earnings By Place of Work | 25,216 | 24,665 | 25,848 | 25,699 | 25,615 | 1.9 | -0.6 | 3.9 |
| Wage and salary disbursements | 19,705 | 19,256 | 20,212 | 20,061 | 20,011 | 1.8 | -0.7 | 3.9 |
| Other labor income | 2,874 | 2,799 | 2,964 | 2,978 | 2,942 | 3.6 | 0.5 | 5.1 |
| Proprietors' income | 2,636 | 2,609 | 2,672 | 2,659 | 2,661 | 0.9 | -0.5 | 2.0 |
| Farm proprietors' income | 16 | 10 | 4 | 7 | 4 | -56.3 | 75.0 | -64.1 |
| Nonfarm proprietors' income | 2,620 | 2,599 | 2,668 | 2,653 | 2,658 | 1.3 | -0.6 | 2.3 |
| Dividends, interest, and rent | 6,424 | 6,374 | 6,427 | 6,408 | 6,418 | -0.2 | -0.3 | 0.7 |
| Transfer payments | 4,150 | 4,089 | 4,383 | 4,476 | 4,362 | 7.9 | 2.1 | 6.7 |
| Less: Pers. cont. for social insur. | 1,392 | 1,365 | 1,450 | 1,439 | 1,434 | 3.4 | -0.8 | 5.1 |
| Earnings By Industry | 25,216 | 24,665 | 25,848 | 25,698 | 25,614 | 1.9 | -0.6 | 3.9 |
| Farm Earnings | 207 | 200 | 208 | 216 | 205 | 4.3 | 3.8 | 2.4 |
| Nonfarm Earnings | 25,009 | 24,465 | 25,640 | 25,482 | 25,410 | 1.9 | -0.6 | 3.9 |
| Private Earnings | 17,624 | 17,183 | 18,044 | 17,724 | 17,855 | 0.6 | -1.8 | 3.9 |
| Ag. serv., forestry, fishing & oth | 150 | 149 | 155 | 157 | 152 | 4.7 | 1.3 | 2.0 |
| Mining | 27 | 26 | 26 | 27 | 27 | 0.0 | 3.8 | 1.9 |
| Construction | 1,518 | 1,472 | 1,493 | 1,532 | 1,516 | 0.9 | 2.6 | 3.0 |
| Manufacturing | 784 | 756 | 792 | 770 | 797 | -1.8 | -2.8 | 5.5 |
| Transport. and public utilities | 1,965 | 1,937 | 2,052 | 1,910 | 2,003 | -2.8 | -6.9 | 3.4 |
| Wholesale trade | 882 | 871 | 850 | 812 | 849 | -7.9 | -4.5 | -2.6 |
| Retail trade | 2,828 | 2,760 | 2,861 | 2,819 | 2,846 | -0.3 | -1.5 | 3.1 |
| Finance, insur., and real estate | 1,951 | 1,964 | 2,103 | 2,085 | 2,052 | 6.9 | -0.9 | 4.5 |
| Services | 7,518 | 7,248 | 7,713 | 7,612 | 7,615 | 1.3 | -1.3 | 5.1 |
| Gov't and gov't enterprises | 7,385 | 7,282 | 7,596 | 7,758 | 7,555 | 5.1 | 2.1 | 3.7 |
| Federal | 4,408 | 4,342 | 4,569 | 4,635 | 4,564 | 5.1 | 1.4 | 5.1 |
| Federal, civilian | 1,996 | 1,960 | 2,056 | 2,044 | 2,042 | 2.4 | -0.6 | 4.2 |
| Military | 2,412 | 2,382 | 2,513 | 2,591 | 2,522 | 7.4 | 3.1 | 5.9 |
| State and local | 2,977 | 2,940 | 3,027 | 3,124 | 2,991 | 4.9 | 3.2 | 1.7 |

Source data for 1998 Q1 to 2001 Q3 have been revised.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income,

April 23, 2002, http://www.bea.doc.gov/bea/regional/sq/ and tabulations by the Hawaii State

Department of Business, Economic Development & Tourism.

Table B-9. HONOLULU and U.S. CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U)

[1982-84=100]

| | | | | | | Honolulu | | | | |
|---------------|------------|--------------|---------------------|--------------|---------------------|---------------------|-----------------|--------------------|---------------------|---------------------------|
| Period | u.s. | All Items | Food & Beverages | Housing | Apparel & Upkeep | Transpor- tation | Medical Care | Recre- ation 1/ | Educ. & Comm. 1/ | Other Goods & Services |
| 1992 | 140.3 | 155.1 | 148.5 | 161.7 | 114.2 | 147.4 | 182.6 | (NA) | (NA) | 189.0 |
| 1993 | 144.5 | 160.1 | 152.9 | 166.5 | 116.5 | 150.5 | 197.4 | (NA) | (NA) | 200.1 |
| 1994 | 148.2 | 164.5 | 153.4 | 171.6 | 118.7 | 156.4 | 206.0 | (NA) | (NA) | 209.6 |
| 1995 | 152.4 | 168.1 | 156.8 | 174.7 | 117.5 | 162.4 | 209.8 | (NA) | (NA) | 216.8 |
| 1996 | 156.9 | 170.7 | 156.6 | 176.8 | 118.5 | 167.0 | 215.0 | (NA) | (NA) | 226.5 |
| 1997 | 160.5 | 171.9 | 159.2 | 177.1 | 117.3 | 166.2 | 217.3 | (NA) | (NA) | 239.0 |
| 1998 | 163.0 | 171.5 | 159.1 | 176.0 | 112.2 | 162.5 | 226.1 | 100.8 | 99.1 | 256.1 |
| 1999 | 166.6 | 173.3 | 162.9 | 175.8 | 105.4 | 162.2 | 231.3 | 101.9 | 104.5 | 275.6 |
| 2000 | 172.2 | 176.3 | 164.8 | 177.9 | 103.5 | 169.6 | 239.8 | 102.8 | 106.5 | 279.7 |
| 2001 | 177.1 | 178.4 | 169.5 | 179.1 | 101.0 | 174.5 | 2/ | 101.6 | 104.6 | 289.3 |
| 1995H1 | 151.5 | 166.9 | 156.5 | 173.4 | 118.1 | 160.0 | 207.8 | (NA) | (NA) | 214.4 |
| H2 | 153.2 | 169.4 | 157.1 | 176.0 | 116.9 | 164.9 | 211.8 | (NA) | (NA) | 219.2 |
| 1996H1 | 155.8 | 170.5 | 156.9 | 176.8 | 120.0 | 166.3 | 214.9 | (NA) | (NA) | 220.6 |
| H2 | 157.9 | 171.0 | 156.3 | 176.8 | 116.9 | 167.7 | 215.0 | (NA) | (NA) | 232.4 |
| 1997H1 | 159.9 | 172.1 | 159.4 | 177.3 | 119.8 | 167.8 | 215.6 | (NA) | (NA) | 232.5 |
| H2 | 161.2 | 171.8 | 159.0 | 177.0 | 114.8 | 164.6 | 219.1 | (NA) | (NA) | 245.5 |
| 1998H1 | 162.3 | 172.0 | 160.0 | 176.3 | 116.4 | 163.2 | 222.5 | 101.4 | 98.9 | 254.3 |
| H2 | 163.7 | 171.0 | 158.2 | 175.7 | 108.0 | 161.8 | 229.8 | 100.3 | 99.3 | 258.0 |
| 1999H1 | 165.4 | 172.7 | 162.4 | 175.5 | 106.0 | 162.3 | 231.0 | 101.3 | 102.6 | 273.9 |
| H2 | 167.8 | 173.8 | 163.5 | 176.0 | 104.9 | 162.0 | 231.5 | 102.5 | 106.4 | 277.3 |
| 2000H1 | 170.8 | 175.9 | 165.5 | 177.3 | 104.5 | 167.7 | 235.9 | 103.1 | 107.3 | 277.5 |
| H2 | 173.6 | 176.7 | 164.1 | 178.5 | 102.6 | 171.5 | 243.8 | 102.6 | 105.6 | 281.9 |
| 2001H1 | 176.6 | 178.1 | 168.3 | 178.8 | 99.7 | 171.5 | 246.1 | 102.0 | 103.5 | 287.5 |
| 2001111 H2 | 177.5 | 178.7 | 170.7 | 170.8 | 102.3 | 170.0 | 240.1 | 102.1 | 105.8 | 291.1 |
| 772 | 177.0 | 170.7 | | | om the Same | | | 101.1 | 100.0 | 201.1 |
| 1992 | 3.0 | 4.8 | 1.8 | 5.8 | 3.3 | 5.8 | 6.6 | (NA) | (NA) | 7.6 |
| 1993 | 3.0 | 3.2 | 3.0 | 3.0 | 2.0 | 2.1 | 8.1 | (NA) | (NA) | 5.9 |
| 1994 | 2.6 | 2.7 | 0.3 | 3.1 | 1.9 | 3.9 | 4.4 | (NA) | (NA) | 4.7 |
| 1995 | 2.8 | 2.2 | 2.2 | 1.8 | -1.0 | 3.8 | 1.8 | (NA) | (NA) | 3.4 |
| 1996 | 3.0 | 1.5 | -0.1 | 1.2 | 0.9 | 2.8 | 2.5 | (NA) | (NA) | 4.5 |
| 1997 | 2.3 | 0.7 | 1.7 | 0.2 | -1.0 | -0.5 | 1.1 | (NA) | (NA) | 5.5 |
| 1998 | 1.6 | -0.2 | -0.1 | -0.6 | -4.3 | -2.2 | 4.0 | (NA) | (NA) | 7.2 |
| 1999 | 2.2 | 1.0 | 2.4 | -0.0 | - 4 .3 | -0.2 | 2.3 | 1.1 | 5.4 | 7.6 |
| 2000 | 3.4 | 1.0 | 1.2 | 1.2 | -0.1 -1.8 | 4.6 | 3.7 | 0.9 | 1.9 | 1.5 |
| 2000 | 2.8 | 1.7 | 2.9 | 0.7 | -1.6 | 2.9 | 2/ | -1.2 | -1.8 | 3.4 |
| 1995H1 | 2.9 | 2.1 | 3.2 | 1.8 | -0.8 | 2.6 | 1.6 | (NA) | (NA) | 3.3 |
| 1993/11 H2 | 2.6 | 2.2 | 1.2 | 1.9 | -1.1 | 5.2 | 2.1 | (NA) | (NA) | 3.5 |
| 1996H1 | 2.8 | 2.2 | 0.3 | 2.0 | 1.6 | 3.9 | 3.4 | (NA) | (NA) | 2.9 |
| 1996H1 H2 | 3.1 | 0.9 | -0.5 | 0.5 | 0.0 | 1.7 | 1.5 | (NA) (NA) | (NA) | 6.0 |
| 1997H1 | 2.7 | 0.9 | 1.6 | 0.3 | -0.2 | 0.9 | 0.3 | (NA) | (NA) | 5.4 |
| 1997111 H2 | 2.1 | 0.5 | 1.7 | 0.3 | -1.8 | -1.8 | 1.9 | (NA) | (NA) | 5.6 |
| п2 1998Н1 | 1.5 | -0.1 | 0.4 | -0.6 | -2.8 | -1.6 | 3.2 | (NA) (NA) | (NA) | 9.4 |
| 1998H1 H2 | 1.6 | -0.1 -0.5 | -0.5 | -0.6 | -2.6 -5.9 | -2.7 -1.7 | 3.2 4.9 | (NA) (NA) | (NA) | 9. 4 5.1 |
| н2 1999Н1 | 1.0 | -0.5 0.4 | -0.5 1.5 | -0.7 -0.5 | -5.9 -8.9 | -1.7 -0.6 | 3.8 | -0.1 | (INA) 3.7 | 7.7 |
| | | | | | | | | | | |
| H2 | 2.5 | 1.6 | 3.4 | 0.2 | -2.9 | 0.1 | 0.7 | 2.2 | 7.2 | 7.5 |
| 2000H1 | 3.3 | 1.9 | 1.9 | 1.0 | -1.4 | 3.3 | 2.1 | 1.8 | 4.6 | 1.3 |
| H2 | 3.5 | 1.7 | 0.4 | 1.4 | -2.2 | 5.9 | 5.3 | 0.1 | -0.8 | 1.7 |
| 2001H1 H2 | 3.4 2.3 | 1.3 1.1 | 1.7 4.0 | 0.8 0.4 | -4.6 -0.3 | 4.9 0.9 | 4.3 2/ | -1.0 -1.5 | -3.5 0.2 | 3.6 3.3 |

Data on U.S. CPI are released monthly and Honolulu CPI, twice a year in February and August for the half (H) year previous. NA Not available.

^{1/} New indexes as of January 1998. Base period is December 1997. The former "Entertainment" index has been discontinued.

^{2/} No data were available or data did not meet U.S. Bureau of Labor Statistics' publication criteria.

Source: U.S. Bureau of Labor Statistics, http://stats.bls.gov, Fax-on-Demand (415) 975-4567, and Information (415) 975-4350.

BLS Public Access: http://146.142.4.24/labjava/outside.jsp?survey=cu accessed February 20, 2002.

BLS Hono CPI News Releases, http://stats.bls.gov/special.requests/sanfrancisco/cpihono.htm accessed February 20, 2002.

C. TAX REVENUES

First quarter 2002 State general fund tax revenues were down considerably from the first quarter of 2001. There was positive growth in the net individual income tax and net corporate income tax categories, but these gains were more than offset by a large decline in general excise and use tax receipts.

On November 14, 2001, responding to the decline in State tax revenue growth first seen in the second quarter of 2001 and accentuated by the attacks of September 11th, the Council on Revenues (COR) revised its forecast for the fiscal year downward from an increase of 4.1 percent to a decline of 0.7 percent. On March 14 and again on May 31, 2002, the COR reviewed the tax collections and economic conditions and maintained the projection of a 0.7 percent decrease for the fiscal year.

Tax revenues distributed to the State general fund were down 7.7 percent for the first quarter of 2002 over the first quarter of 2001 (Tables C-1 and C-2). It is possible that some of the revenue decrease can be attributed to the increased filing thresholds for withholding, GET, transient accommodations (TAT), and rental motor vehicle and tour vehicle surcharge tax returns granted by Act 8 of the 2001 Special Session. Department estimated that ACT 8 would allow 38,000 8,000 **GET** taxpayers, withholding taxpayers, and 2,700 TAT taxpayers to file less frequently.

During the first quarter of 2002, the general excise and use tax (GET) revenues fell by 9.4 percent over the first quarter of 2001 (Table C-3). This decline was lead by a 12.4 percent drop in the tax base for the largest excise tax category, Retailing (Table C-14). A 22.9 percent drop in the tax base for

Hotel Rentals (Table C-17) and a 0.7 percent decrease in Contracting (Table C-16) also contributed to the overall decrease in GET revenues. The Services tax base partially offset these declines by increasing 2.4 percent over the first quarter of 2001 (Tables C-15).

Revenues from the individual income tax increased 0.2 percent in the first quarter of 2002 over the same quarter in 2001 (Table C-4). Net individual income tax revenue is the sum of four components. The largest component, Withholding Tax on Wages, decreased by 2.2 percent (Table C-7) compared to the first quarter of 2001. This decrease was balanced by a 3.2 percent decrease in Declaration of Estimated Taxes (Table C-5) and a 49.6 percent increase in Payment with Returns (Table C-6). A 1.0 percent increase in Refunds worked against a stronger overall increase in individual income tax collections (Table C-8).

Net corporate income tax revenue increased by 4.0 percent in the first quarter of 2002 compared to the year-earlier quarter (Table C-9). This reflects a substantial 45.5 percent increase in Declaration of Estimated Taxes - Corporate (Table C-10). This increase was moderated by a 28.2 percent decrease in Payment with Returns – Corporate (Table C-11) and a 138.9 percent increase in Refunds (Table C-12).

TAT revenue decreased 24.3 percent in the first quarter of 2002 (Table C-13). This decrease is related both to a decline in the average daily visitor census, which declined 8.8 percent in the first quarter of 2002, (Table D-1) and a decrease in average room rate.

Table C-1. GENERAL FUND TAX REVENUES AND MAJOR **COMPONENTS**

| | | General Excise and | Net Individual Income | Net Corporate Income | Tax Revenues Distributed to State |
|------|------------------|--------------------|---------------------------|----------------------|--------------------------------------|
| Yea | ar | Use Tax | Tax 1/ | Tax 2/ | General Fund |
| | | | In Thousands of Dollars | | |
| 1990 | | 1,250,203 | 743,114 | 86,269 | 2,246,752 |
| 1991 | | 1,287,819 | 1,174,144 | 70,568 | 2,397,289 |
| 1992 | | 1,299,814 | 922,206 | 42,737 | 2,523,670 |
| 1993 | | 1,308,797 | 951,405 | 22,239 | 2,555,912 |
| 1994 | | 1,347,945 | 1,003,480 | 34,228 | 2,672,291 |
| 1995 | | 1,386,684 | 918,811 | 37,336 | 2,614,713 |
| 1996 | | 1,469,766 | 995,456 | 51,243 | 2,799,972 |
| 1997 | | 1,433,012 | 985,000 | 55,594 | 2,756,621 |
| 1998 | | 1,436,654 | 1,093,241 | 50,112 | 2,889,291 |
| 1999 | | 1,454,731 | 1,053,858 | 47,692 | 2,841,290 |
| 2000 | | 1,611,446 | 1,080,371 | 67,650 | 3,067,622 |
| 2001 | | 1,660,764 | 1,100,317 | 48,269 | 3,172,251 |
| | | | | | |
| 1999 | 1 Qtr. | 369,292 | 238,606 | 7,428 | 686,437 |
| | 2 Qtr. | 365,306 | 276,392 | 26,104 | 735,905 |
| | 3 Qtr. | 372,436 | 277,965 | 14,119 | 735,969 |
| | 4 Qtr. | 347,698 | 260,895 | 41 | 682,978 |
| | | | | | |
| 2000 | 1 Qtr. | 422,222 | 247,130 | 17,358 | 765,790 |
| | 2 Qtr. | 393,873 | 278,567 | 36,696 | 787,612 |
| | 3 Qtr. | 400,698 | 285,983 | 9,985 | 774,265 |
| | 4 Qtr. | 394,653 | 268,692 | 3,610 | 739,955 |
| | | | | | |
| 2001 | 1 Qtr. | 436,888 | 265,833 | 17,932 | 825,236 |
| | 2 Qtr. | 407,800 | 284,311 | 29,265 | 818,204 |
| | 3 Qtr. | 406,543 | 289,424 | 11,224 | 789,091 |
| | 4 Qtr. | 409,533 | 260,749 | -10,152 | 739,719 |
| | | | · | · | |
| 2002 | 1 Qtr. | 395,795 | 266,388 | 18,655 | 761,922 |
| | | Percentage Ch | ange from the Same Period | in Previous Year | |
| 1991 | | 3.0 | 21.2 | -18.2 | 6.7 |
| 1992 | | 0.9 | 2.4 | -39.4 | 5.3 |
| 1993 | | 0.7 | 3.2 | -48.0 | 1.3 |
| 1993 | | 3.0 | 5.5 | 53.9 | 4.6 |
| 1995 | | 2.9 | -8.4 | 9.1 | -2.2 |
| 1996 | | 6.0 | 8.3 | 37.2 | 7.1 |
| 1997 | | -2.5 | -1.1 | 8.5 | -1.5 |
| 1997 | | | | -9.9 | |
| 1998 | | 0.3 1.3 | 11.0 -3.6 | -9.9 -4.8 | 4.8 -1.7 |
| | | | | | |
| 2000 | | 10.8 | 2.5 | 41.8 | 8.0 |
| 2001 | | 3.1 | 1.8 | -28.6 | 3.4 |
| 1999 | 1 Qtr. | -1.5 | -3.7 | -29.9 | -3.9 |
| 1999 | 1 Qtr. 2 Qtr. | -1.5 4.7 | -3.7 -5.3 | -29.9 -14.2 | -3.9 -1.0 |
| | 2 Qtr. 3 Qtr. | 3.4 | -5.3 -1.9 | -14.2 -8.8 | -1.0 -0.4 |
| | 3 Qtr. 4 Qtr. | -1.3 | -1.9 -3.5 | -8.8 100.6 | -0.4 -1.4 |
| | 7 QII. | -1.3 | -3.5 | 0.001 | -1.4 |
| 2000 | 1 Qtr. | 14.3 | 3.6 | 133.7 | 11.6 |
| 2000 | 2 Qtr. | 7.8 | 0.8 | 40.6 | 7.0 |
| | 2 Qtr. 3 Qtr. | 7.6 | 2.9 | -29.3 | 7.0 5.2 |
| | 3 Qtr. 4 Qtr. | 13.5 | 3.0 | -29.3 8704.9 | 8.3 |
| | → Q (I). | 13.5 | 3.0 | 0704.9 | 0.3 |
| 2001 | 1 Qtr. | 3.5 | 7.6 | 3.3 | 7.8 |
| | 2 Qtr. | 3.5 | 2.1 | -20.3 | 3.9 |
| | 2 Qtr. 3 Qtr. | 1.5 | 1.2 | 12.4 | 1.9 |
| | 3 Qtr. 4 Qtr. | 3.8 | -3.0 | -381.2 | 0.0 |
| • | , S(1). | I | J.0 | 30 1. <u>2</u> | 0.0 |
| | | | | | |

Source: Hawaii State Department of Taxation.

These series represent data as reported by the Hawaii State Department of Taxation, without adjustme 1/ Declaration of estimated taxes, plus payments with returns, plus withholding tax on wages, less refunds. Individual income tax rates changed effective January 1, 1999, 2001 and 2002.

2/ Declaration of estimated taxes, plus payments with returns, less refunds.

D. TOURISM

Hawaii's visitor industry continued to be negatively affected by the aftermath of the September 11th attacks in the first quarter of 2002. However, the situation has improved significantly as compared to the fourth quarter of 2001. In the first quarter of 2002, both the number of visitor arrivals and the average daily visitor census were still down substantially from the first quarter 2001, but were clearly recovering from the last quarter of 2001. Hotel occupancy rates remained well below 2001 levels, but were also improving.

The number of visitors arriving by air was down 11.0 percent from the first quarter of 2001 in the first quarter of 2002 (Tables D-1 and D-2). This is about 190,000 fewer visitors' arrival than in the first quarter of 2001. This is a substantial improvement, however, from the 24.4 percent drop in the fourth quarter of 2001.

Considering the origins of the visitors' flights, the number of travelers on domestic flights declined by 3.5 percent and the number on international flights fell by 23.7 percent comparing the first quarter of 2002 to the first quarter of 2001 (Tables D-3 and D-4).

Comparing visitors from different major market areas, the greatest absolute and relative decrease was in Japanese visitor arrivals, which decreased by about 108,000 or 24.2 percent from the first quarter 2001 to the first quarter 2002 (Table D-7). Visitor arrivals from Japan were already declining from the peak in 1997, but had held fairly steady in 2000. Arrivals declined in the first

two quarters of 2001, but the rate was accelerated by the events of September 11^{th.} The ongoing decline was a product of the recession in the Japanese economy and the weakening Yen.

The U.S. West domestic market provided the brightest spot in the industry by increasing by 2.6 percent after three straight quarters of decline (Table D-5). Growth in U.S. East visitor arrivals continued to be negative at -8.1 percent over the period (Table D-6).

Average daily visitor census numbers were down 8.8 percent in the first quarter (Table D-8). By flight direction, average daily visitor census for domestic visitors was down 3.4 percent and it was down 22.1 percent for international visitors (Tables D-9 and D-10). The average daily census reflects both arrivals and length of stay. Average length of stay increased slightly for domestic visitors and was up 2.1 percent for international visitors (DBEDT Monthly Visitor Statistics).

Hotel occupancy rates also dropped, decreasing from 80.5 percent in the first quarter of 2001 to 70.8 percent in the first quarter of 2002 (Table D-11).

Readers interested in reviewing visitor statistics on a monthly basis can find them at http://www.hawaii.gov/dbedt/monthly/index.html.

Readers interested in reviewing the most recent daily passenger arrival data can find them at

http://www.hawaii.gov/dbedt/special/index.html.

Table D-1. VISITOR ARRIVALS AND AVERAGE DAILY VISITOR CENSUS - BY AIR

| | Ī | Visitor Arrivals | 1/ | Averag | ge Daily Visitor C | Census |
|------------------|------------|------------------|--------------------------|------------|--------------------|---------------|
| Year | Total | Domestic | International | Total | Domestic | International |
| 1990 | 6,723,531 | 4,315,161 | 2,408,370 | 154,517 | 113,066 | 41,450 |
| 1991 | 6,518,460 | 4,068,508 | 2,449,952 | 147,323 | 105,686 | 41,637 |
| 1992 | 6,473,669 | 3,791,945 | 2,681,724 | 152,249 | 106,589 | 45,660 |
| 1993 | 6,070,995 | 3,570,059 | 2,500,936 | 147,498 | 100,430 | 47,068 |
| 1993 | | | | | | 48,726 |
| | 6,364,674 | 3,813,279 | 2,551,395 | 156,630 | 107,904 | · |
| 1995 | 6,546,759 | 3,743,474 | 2,803,285 | 157,098 | 105,649 | 51,450 |
| 1996 | 6,723,141 | 3,794,113 | 2,929,028 | 158,297 | 106,404 | 51,892 |
| 1997 | 6,761,135 | 3,890,798 | 2,870,337 | 157,187 | 108,019 | 49,168 |
| 1998 | 6,595,790 | 4,014,140 | 2,581,650 | 157,389 | 112,068 | 45,320 |
| 1999 | 6,741,037 | 4,255,621 | 2,485,416 | 164,439 | 117,998 | 46,441 |
| 2000 | 6,948,595 | 4,446,936 | 2,501,659 | 168,637 | 123,441 | 45,196 |
| 2001 | 6,313,659 | 4,218,374 | 2,095,285 | 157,633 | 117,931 | 39,702 |
| 1998 1 Qtr. | 1,668,494 | 973,221 | 695,273 | 168,313 | 117,377 | 50,936 |
| 2 Qtr. | 1,616,987 | 1,035,106 | 581,881 | 148,818 | 110,319 | 38,499 |
| 3 Qtr. | 1,724,849 | 1,040,587 | 684,262 | 158,423 | 111,721 | 46,701 |
| 4 Qtr. | 1,585,460 | 965,226 | 620,234 | 154,146 | 108,952 | 45,193 |
| 4 QII. | 1,565,460 | 905,220 | 620,234 | 154,140 | 106,932 | 45, 195 |
| 1999 1 Qtr. | 1,688,751 | 1,021,745 | 667,006 | 174,588 | 120,018 | 54,570 |
| 2 Qtr. | 1,615,842 | 1,058,106 | 557,736 | 151,621 | 112,905 | 38,716 |
| 3 Qtr. | 1,799,719 | 1,132,114 | 667,605 | 169,672 | 121,730 | 47,942 |
| 4 Qtr. | 1,636,726 | 1,043,657 | 593,069 | 161,956 | 117,326 | 44,630 |
| 4 QII. | 1,030,720 | 1,043,637 | 595,009 | 101,930 | 117,320 | 44,030 |
| 2000 1 Qtr. | 1,720,922 | 1,070,247 | 650,675 | 175,797 | 124,638 | 51,158 |
| 2 Qtr. | 1,739,432 | 1,165,262 | 574,171 | 164,816 | 125,173 | 39,642 |
| 3 Qtr. | 1,818,701 | 1,159,909 | 658,792 | 171,435 | 126,075 | 45,360 |
| 4 Qtr. | 1,669,539 | 1,051,518 | 618,021 | 162,537 | 117,911 | 44,626 |
| | | | · | | | |
| 2001 1 Qtr. | 1,723,659 | 1,079,762 | 643,897 | 177,763 | 126,539 | 51,225 |
| 2 Qtr. | 1,685,391 | 1,129,685 | 555,706 | 161,193 | 120,800 | 40,393 |
| 3 Qtr. | 1,642,014 | 1,083,222 | 558,792 | 159,938 | 119,044 | 40,895 |
| 4 Qtr. | 1,262,595 | 925,705 | 336,890 | 132,114 | 105,560 | 26,554 |
| 2002 1 Qtr. | 1,533,603 | 1,042,005 | 491,598 | 162,109 | 122,194 | 39,915 |
| 2002 T QII. | | | e from the Same Po | | | 39,913 |
| 1001 | | | | | | 0.5 |
| 1991 | -3.1 | -5.7 | 1.7 | -4.7 | -6.5 | 0.5 |
| 1992 | -0.7 | -6.8 | 9.5 | 3.3 | 0.9 | 9.7 |
| 1993 | -6.2 | -5.9 | -6.7 | -3.1 | -5.8 | 3.1 |
| 1994 | 4.8 | 6.8 | 2.0 | 6.2 | 7.4 | 3.5 |
| 1995 | 2.9 | -1.8 | 9.9 | 0.3 | -2.1 | 5.6 |
| 1996 | 2.7 | 1.4 | 4.5 | 0.8 | 0.7 | 0.9 |
| 1997 | 0.6 | 2.5 | -2.0 | -0.7 | 1.5 | -5.2 |
| 1998 | -2.4 | 3.2 | -10.1 | 0.1 | 3.7 | -7.8 |
| 1999 | 2.2 | 6.0 | -3.7 | 4.5 | 5.3 | 2.5 |
| 2000 | 3.1 | | 0.7 | 2.6 | | -2.7 |
| 2001 | -9.1 | 4.5 -5.1 | -16.2 | -6.5 | 4.6 -4.5 | -12.2 |
| | | | | | | |
| 1998 1 Qtr. | -2.1 | 2.2 | -7.5 | 5.6 | 9.4 | -2.4 |
| 2 Qtr. | 0.0 | 7.1 | -10.5 | -2.3 | 2.5 | -13.8 |
| 3 Qtr. | -4.1 | 1.9 | -12.0 | -4.2 | -0.7 | -11.6 |
| 4 Qtr. | -3.4 | 1.6 | -10.3 | 1.6 | 4.1 | -3.8 |
| 1999 1 Qtr. | 1.2 | 5.0 | -4.1 | 3.7 | 2.3 | 7.1 |
| 2 Qtr. | -0.1 | 2.2 | -4.1 | 1.9 | 2.3 | 0.6 |
| 3 Qtr. | 4.3 | 8.8 | -2.4 | 7.1 | 9.0 | 2.7 |
| 4 Qtr. | 3.2 | 8.1 | -2. 4 -4.4 | 5.1 | 7.7 | -1.2 |
| 2000 1 Qtr. | 4.0 | 4 7 | 0.4 | 0.7 | 2.0 | 6.0 |
| • | 1.9 | 4.7 | -2.4 | 0.7 | 3.8 | -6.3 |
| 2 Qtr. | 7.6 | 10.1 | 2.9 | 8.7 | 10.9 | 2.4 |
| 3 Qtr. 4 Qtr. | 1.1 2.0 | 2.5 0.8 | -1.3 4.2 | 1.0 0.4 | 3.6 0.5 | -5.4 0.0 |
| | 2.0 | 0.0 | 7.2 | 0.4 | 0.0 | 0.0 |
| 2001 1 Qtr. | 0.2 | 0.9 | -1.0 | 1.1 | 1.5 | 0.1 |
| 2 Qtr. | -3.1 | -3.1 | -3.2 | -2.2 | -3.5 | 1.9 |
| 3 Qtr. | -9.7 | -6.6 | -15.2 | -6.7 | -5.6 | -9.8 |
| 4.04 | -24.4 | -12.0 | -45.5 | -18.7 | -10.5 | -40.5 |
| 4 Qtr. | | | | | | |

1/ Staying overnight or longer. Source: Hawaii State Department of Business, Economic Development & Tourism.

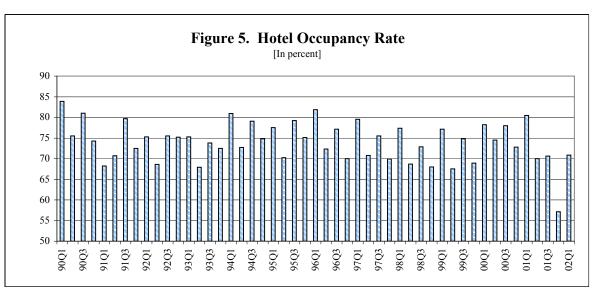
Table D-11. HOTEL OCCUPANCY RATE

| Year | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Annual | | |
|------------|------------------|-------------------|------------------|-------------------|--------|--|--|
| In Percent | | | | | | | |
| 1982 | 79.0 | 65.9 | 70.9 | 66.7 | 70.4 | | |
| 1983 | 75.2 | 68.1 | 71.7 | 66.5 | 69.7 | | |
| 1984 | 84.0 | 75.6 | 74.6 | 75.1 | 76.0 | | |
| 1985 | 88.1 | 69.1 | 75.0 | 72.5 | 76.1 | | |
| 1986 | 87.0 | 78.8 | 79.9 | 76.8 | 81.7 | | |
| 1987 | 88.0 | 77.1 | 82.1 | 77.8 | 81.1 | | |
| 1988 | 81.7 | 75.1 | 81.3 | 75.1 | 78.5 | | |
| 1989 | 85.9 | 73.9 | 81.0 | 75.7 | 79.0 | | |
| 1990 | 83.9 | 75.5 | 81.0 | 74.3 | 78.8 | | |
| 1991 | 68.2 | 70.7 | 79.7 | 72.5 | 72.4 | | |
| 1992 | 75.3 | 68.6 | 75.5 | 75.2 | 72.7 | | |
| 1993 | 75.3 | 67.9 | 73.8 | 72.5 | 72.0 | | |
| 1994 | 80.9 | 72.7 | 79.1 | 74.8 | 76.5 | | |
| 1995 | 79.5 | 70.3 | 79.2 | 75.1 | 75.8 | | |
| 1996 | 81.9 | 72.3 | 77.1 | 70.0 | 75.2 | | |
| 1997 | 79.5 | 70.8 | 75.5 | 69.9 | 73.9 | | |
| 1998 | 77.4 | 68.7 | 72.9 | 68.0 | 71.5 | | |
| 1999 | 77.1 | 67.5 | 74.8 | 68.9 | 72.1 | | |
| 2000 | 78.2 | 74.5 | 78.0 | 72.8 | 76.0 | | |
| 2001 | 80.5 | 70.0 | 70.6 | 57.1 | 70.7 | | |
| 2002 | 70.8 | (NA) | (NA) | (NA) | (NA) | | |

NA Not available.

Quarterly averages are computed by Hawaii State Department of Business, Economic Development & Tourisr from PKF-Hawaii monthly averages through January 1995 and Hospitality Advisors LLC monthly averages from February 1995.

Sources: Hawaii State Department of Business, Economic Development & Tourism, PKF-Hawaii and Hospitality Advisors LLC



E. CONSTRUCTION

Indicators of Hawaii construction industry activity were mixed in the first quarter of 2002. The contracting tax base decreased while slightly government contracts awarded increased in the first quarter of 2002 compared to last year's first quarter level. The value of residential building permit authorizations, provides an indication of home construction activity in the near future, was down in the first quarter.

The contracting tax base, construction activity subject to the general excise tax, decreased by 0.7 percent from the first quarter of 2001 to the first quarter of 2002 (Table E-1). The contracting tax base is a proxy for completed construction.

Government contracts awarded were up moderately from last year, increasing 4.9 percent from the first quarter of 2001 to the first quarter of 2002 (Table E-1). State Capital Improvement Projects (CIP) were up last quarter by 0.8 percent over the first quarter of 2001 (Table E-11).

The value of residential building permit authorizations was down 0.9 percent statewide for the first quarter of 2002 (Table E-1). The number of single family unit authorizations was down 20.0 percent (Table E-2). Multi-family units authorized were up 134.8 percent, but account for a small share of the current market (Table E-3). Total private building permit authorizations for the State are not available for the first

quarter of 2002 because figures have not been reported for Maui or Kauai Counties. Honolulu's total private authorizations are down by 6.6 percent from the first quarter of 2001 and Hawaii County authorizations increased 34.5 percent (Table E-6).

Median sale price for single family and condominium resales in Honolulu both increased in the first quarter of 2002 over the first quarter of 2001. Single family median value was up 10.7 percent to \$310,000 (Table E-7) and the median Honolulu condo price was up 5.4 percent to \$137,000 (Table E-8). The number of single family units resold increased by 8.7 percent (Table E-9) while the number of condo unit resales was up 8.5 percent (Table E-9).

Construction jobs statewide increased in the first quarter compared to 2001. Construction jobs were up 0.4 percent from the first quarter of 2001 to the first quarter of 2002 (Table 1, Table A-7). Construction jobs continued to grow in Hawaii County (1.6 percent, Table 3), Maui County (3.4 percent, Table 4) and Kauai County (5.0 percent, Table 5). Construction jobs fell 0.9 percent in the City and County of Honolulu (Table 2).

The Honolulu Construction Cost Index for Single Family Residences increased by 5.5 percent over the first quarter of 2001 (Table E-4). The comparable index for high-rise buildings rose by 4.4 percent (Table E-5).

Table E-1. ESTIMATED VALUE OF COMPLETED CONSTRUCTION, NEW PRIVATE BUILDING AUTHORIZATIONS, AND GOVERNMENT CONTRACTS AWARDED

| | | | Government | | | | | |
|-------------|-------------------------|---------------------------------|-------------------|-------------------------------|----------------------------|----------------------|--|--|
| Year | Contracting tax base 1/ | Total Private Authorizations | Residential 4/ | Commercial & Industrial 2/ | Additions & Alterations | Contracts Awarded | | |
| | In Millions of Dollars | | | | | | | |
| 1982 | 1,294.9 | 683.1 | 299.2 | 242.9 | 141.1 | 391.6 | | |
| 1983 | 1,353.4 | 685.2 | 296.2 | 203.2 | 185.9 | 275.0 | | |
| 1984 | 1,242.9 | 581.5 | 327.7 | 104.0 | 149.9 | 388.7 | | |
| 1985 | 1,367.7 | 888.9 | 500.1 | 208.8 | 180.1 | 248.9 | | |
| 1986 | 1,808.0 | 1,025.2 | 455.5 | 267.4 | 302.3 | 422.7 | | |
| 1987 | 2,003.1 | 1,161.9 | 507.0 | 344.4 | 310.5 | 370.9 | | |
| 1988 | 2,487.6 | 1,546.5 | 689.2 | 541.2 | 316.1 | 665.0 | | |
| 1989 | 3,112.8 | 1,882.4 | 910.7 | 561.8 | 409.9 | 725.2 | | |
| 1990 | 4,003.7 | 2,101.8 | 952.3 | 698.0 | 451.5 | 825.5 | | |
| 1991 | 4,334.1 | 2,151.8 | 1,192.0 | 556.2 | 403.7 | 729.4 | | |
| 1992 | 4,012.7 | 1,751.9 | 811.1 | 532.3 | 408.5 | 1,159.1 | | |
| 1993 | 3,803.6 | 1,505.4 | 742.1 | 308.0 | 455.3 | 651.8 | | |
| 1994 | 3,322.3 | 1,612.9 | 849.3 | 370.3 | 393.4 | 693.0 | | |
| 1995 | 3,133.5 | 1,531.3 | 745.5 | 368.3 | 417.5 | 490.2 | | |
| 1996 | 3,285.1 | 1,117.8 | 487.0 | 252.8 | 378.0 | 885.5 | | |
| 1997 | 2,944.4 | 1,179.2 | 542.5 | 264.5 | 372.2 | 615.6 | | |
| 1998 | 3,016.0 | 1,054.3 | 485.5 | 205.6 | 363.2 | 685.5 | | |
| 1999 | 2,991.2 | 1,320.2 | 628.8 | 306.2 | 385.3 | 584.8 | | |
| 2000 3/ | 3,613.5 | 1,512.6 | 800.1 | 246.2 | 466.2 | 810.9 | | |
| 2001 | 3,766.4 | 1,558.8 | 855.5 | 329.1 | 374.2 | 715.7 | | |
| 1998 1 Qtr. | 757.1 | 260.4 | 118.2 | 50.3 | 91.9 | 155.3 | | |
| 2 Qtr. | 706.3 | 246.7 | 121.3 | 48.5 | 76.9 | 127.5 | | |
| 3 Qtr. | 793.6 | 296.0 | 123.5 | 55.1 | 117.3 | 218.7 | | |
| 4 Qtr. | 759.0 | 251.3 | 122.6 | 51.7 | 77.0 | 183.5 | | |
| 1999 1 Qtr. | 732.1 | 342.9 | 141.6 | 125.0 | 76.3 | 177.3 | | |
| 2 Qtr. | 737.0 | 314.3 | 153.4 | 72.4 | 88.5 | 104.6 | | |
| 3 Qtr. | 758.1 | 314.1 | 151.1 | 63.9 | 99.0 | 147.1 | | |
| 4 Qtr. | 764.0 | 348.9 | 182.6 | 45.0 | 121.4 | 155.8 | | |
| 2000 1 Qtr. | 877.6 | 351.8 | 203.3 | 61.3 | 87.3 | 217.1 | | |
| 2 Qtr. | 869.1 | 392.9 | 194.9 | 72.9 | 125.1 | 96.6 | | |
| 3 Qtr. | 894.9 | 377.4 | 204.1 | 59.2 | 114.2 | 405.1 | | |
| 3/ 4 Qtr. | 971.8 | 390.4 | 197.9 | 52.9 | 139.7 | 92.1 | | |
| 2001 1 Qtr. | 920.5 | 360.7 | 184.5 | 96.6 | 79.6 | 178.0 | | |
| 2 Qtr. | 918.4 | 410.8 | 221.5 | 77.9 | 111.5 | 175.7 | | |
| 3 Qtr. | 893.2 | 410.5 | 245.7 | 68.3 | 96.4 | 113.1 | | |
| 4 Qtr. | 1,034.3 | 376.8 | 203.8 | 86.3 | 86.7 | 248.9 | | |
| 2002 1 Qtr. | 913.7 | (NA) | 182.9 | (NA) | (NA) | 186.8 | | |

NA Not available.

First Hawaiian Bank has discontinued compiling Government Contracts Awarded. Hawaii State Department of Business, Economic Development & Tourism has compiled preliminary estimates beginning with the fourth quarter 1997 based on data in *Building Industry*.

Source: Hawaii State Department of Taxation; county building departments; First Hawaiian Bar**B**ailding Industry Magazine (various issues) and tabulations by Hawaii State Department of Business, Economic Development & Tourism.

^{1/} Formerly, this category was "Value of Construction Completed", subject to revision by Hawaii State Department of Taxation.

^{2/} Includes hotels.

^{3/} Kauai County data for November consist of residential data onl

^{4/} Due to unavailability of 2002 data from Maui and Kauai County, data are from U.S. Census Bureau.

Table E-1. ESTIMATED VALUE OF COMPLETED CONSTRUCTION, NEW PRIVATE BUILDING AUTHORIZATIONS, AND GOVERNMENT CONTRACTS AWARDED - Con.

| | | | | Government | | | |
|---|--------|-------------------------|---------------------------------|----------------|-------------------------------|----------------------------|----------------------|
| Year | | Contracting tax base 1/ | Total Private Authorizations | Residential 4/ | Commercial & Industrial 2/ | Additions & Alterations | Contracts Awarded |
| Percentage Change from the Same Period in Previous Year | | | | | | | |
| 1982 | 1 | -19.8 | -14.8 | -24.9 | 0.9 | -13.4 | -8.8 |
| 1983 | ! | 4.5 | 0.3 | -1.0 | -16.3 | 31.8 | -29.8 |
| 1984 | 1 | -8.2 | -15.1 | 10.6 | -48.8 | -19.4 | 41.3 |
| 1985 | ; | 10.0 | 52.9 | 52.6 | 100.8 | 20.1 | -36.0 |
| 1986 | ; | 32.2 | 15.3 | -8.9 | 28.1 | 67.9 | 69.8 |
| 1987 | • | 10.8 | 13.3 | 11.3 | 28.8 | 2.7 | -12.3 |
| 1988 | ! | 24.2 | 33.1 | 35.9 | 57.1 | 1.8 | 79.3 |
| 1989 | 1 | 25.1 | 21.7 | 32.1 | 3.8 | 29.7 | 9.1 |
| 1990 | 1 | 28.6 | 11.7 | 4.6 | 24.2 | 10.1 | 13.8 |
| 1991 | | 8.3 | 2.4 | 25.2 | -20.3 | -10.6 | -11.6 |
| 1992 | | -7.4 | -18.6 | -32.0 | -4.3 | 1.2 | 58.9 |
| 1993 | 1 | -5.2 | -14.1 | -8.5 | -42.1 | 11.5 | -43.8 |
| 1994 | ! | -12.7 | 7.1 | 14.4 | 20.2 | -13.6 | 6.3 |
| 1995 | ; | -5.7 | -5.1 | -12.2 | -0.5 | 6.1 | -29.3 |
| 1996 | ; | 4.8 | -27.0 | -34.7 | -31.4 | -9.5 | 80.6 |
| 1997 | • | -10.4 | 5.4 | 11.4 | 4.4 | -1.5 | -30.5 |
| 1998 | ! | 2.4 | -10.5 | -10.5 | -22.1 | -2.4 | 11.4 |
| 1999 | 1 | -0.8 | 25.2 | 29.5 | 48.9 | 6.1 | -14.7 |
| 2000 | 3/ | 20.8 | 14.6 | 27.2 | -19.6 | 21.0 | 38.7 |
| 2001 | | 4.2 | 3.1 | 6.9 | 33.7 | -19.7 | -11.7 |
| 1998 | 1 Qtr. | 10.4 | 0.6 | 33.7 | -30.9 | -6.0 | -14.6 |
| | 2 Qtr. | -9.1 | -42.0 | -45.1 | -48.2 | -30.8 | 4.8 |
| | 3 Qtr. | 8.1 | 11.3 | -7.0 | 17.7 | 35.9 | 8.9 |
| | 4 Qtr. | 1.6 | 10.2 | 22.1 | 0.7 | 1.0 | 64.9 |
| | 1 Qtr. | -3.3 | 31.7 | 19.8 | 148.5 | -17.0 | 14.1 |
| | 2 Qtr. | 4.3 | 27.4 | 26.5 | 49.2 | 15.1 | -18.0 |
| | 3 Qtr. | -4.5 | 6.1 | 22.3 | 16.0 | -15.6 | -32.8 |
| | 4 Qtr. | 0.7 | 38.8 | 48.9 | -13.0 | 57.7 | -15.1 |
| 2000 | 1 Qtr. | 19.9 | 2.6 | 43.6 | -51.0 | 14.4 | 22.5 |
| | 2 Qtr. | 17.9 | 25.0 | 27.1 | 0.8 | 41.3 | -7.7 |
| | 3 Qtr. | 18.0 | 20.2 | 35.1 | -7.4 | 15.4 | 175.4 |
| | 4 Qtr. | 27.2 | 11.9 | 8.4 | 17.6 | 15.1 | -40.9 |
| 2001 | 1 Qtr. | 4.9 | 2.5 | -9.2 | 57.6 | -8.8 | -18.0 |
| | 2 Qtr. | 5.7 | 4.6 | 13.6 | 6.9 | -10.9 | 81.9 |
| | 3 Qtr. | -0.2 | 8.8 | 20.4 | 15.6 | -15.6 | -72.1 |
| | 4 Qtr. | 6.4 | -3.5 | 3.0 | 63.3 | -37.9 | 170.3 |
| 2002 | 1 Qtr. | -0.7 | (NA) | -0.9 | (NA) | (NA) | 4.9 |

NA Not available.

First Hawaiian Bank has discontinued compiling Government Contracts Awarded. Hawaii State Department of Business, Economic Development & Tourism has compiled preliminary estimates beginning with the fourth quarter 1997 based on data in *Building Industry*.

Source: Hawaii State Department of Taxation; county building departments; First Hawaiian Bank*Building Industry Magazine* (various issues) and tabulations by Hawaii State Department of Business, Economic Development & Tourism.

^{1/} Formerly, this category was "Value of Construction Completed", subject to revision by Hawaii State Department of Taxation.

^{2/} Includes hotels.

^{3/} Kauai data for November consist of residential data only.

F. OTHER INDICATORS

Hawaii bankruptcy filings declined in the first quarter of 2002 over the first quarter of 2001. This was the first such decrease in bankruptcies in Hawaii in over a year Both Chapter 11 and Chapter 13 filings rose, but the decrease in Chapter 7 filings outweighed the increase in the two smaller categories.

The total number of bankruptcy filings decreased by 5.3 percent in the first quarter 2002 compared to the first quarter of 2001 (Table F-1).

Chapter 7 filings established the overall trend for bankruptcies in the first quarter of 2002 by decreasing by about 90, or a decrease of 7.9 percent. Chapter 7 filings are intended to liquidate assets and discharge debt to provide the debtor with a fresh start.

Chapter 11 filings increased from 5 filings in the first quarter of 2001 to 8 filings in the first quarter of 2002 for an increase of

60 percent. Chapter 11 filings involve the structuring of repayment plans for companies.

Chapter 13 filings increased 19.8 percent in the first quarter of 2002 over the first quarter of 2001. Chapter 13 bankruptcy allows debtors to workout repayment arrangements with creditors.

The decrease in Hawaii bankruptcy filings ran counter to the increase in filings for the nation as a whole. U.S. bankruptcy filings increased 3.3 percent from the first quarter of 2002 compared with the first quarter 2001. The twelve month period ending March 31, 2002 was the worst twelve month period on record for U.S. bankruptcies, up 15.5 percent to a little over 1.5 million. Quarterly U.S. bankruptcy statistics can be found at:

http://www.uscourts.gov/Press_Releases/cy3 02bk.pdf

